

**Figure 6**

Diagram illustrating the relationship between the number of species ( $S$ ) and the number of individuals ( $N$ ) in a community. The x-axis represents the number of individuals ( $N$ ) and the y-axis represents the number of species ( $S$ ). The diagram shows two curves: one representing the total number of species ( $S$ ) and another representing the number of species represented by a given number of individuals ( $n$ ). The curves are labeled with mathematical symbols:  $\sum_{n=1}^N f_n$ ,  $f_1$ ,  $f_2$ , ...,  $f_N$ .

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